

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A heat conductive composite sheet comprising:

(a) a heat softening, heat conductive layer comprising a silicone resin and a heat conductive filler, and

(b) a heat conductive silicone rubber layer comprising a heat conductive ~~filler; filler.~~
wherein at least the surface of the layer (a) opposite to the layer (b) is capable of melting at a temperature that ranges from 40°C to 100°C.

Claim 2 (Original): The heat conductive composite sheet according to claim 1, wherein said silicone resin of said layer (a) is a polymer comprising at least one unit selected from the group consisting of $\text{RSiO}_{3/2}$ units wherein R represents an unsubstituted or substituted hydrocarbon group of 1 to 10 carbon atoms, and SiO_2 units.

Claim 3 (Previously Presented): The heat conductive composite sheet according to claim 1, wherein said silicone resin of said layer (a) comprises a polymer comprising at least one unit selected from the group consisting of $\text{RSiO}_{3/2}$ units, and SiO_2 units, and an polydiorganopoplysiloxane comprised of R_2SiO units and terminal R_3SiO units wherein in the formulas R each represent an unsubstituted or substituted hydrocarbon group of 1 to 10 carbon atoms.

Claim 4 (Previously Presented): The heat conductive composite sheet according to claim 1, wherein said heat conductive silicone rubber of said layer (b) comprises a cured product of an addition reaction curable silicone rubber composition comprising a heat conductive filler.

Claim 5 (Previously Presented): The heat conductive composite sheet according to claim 1, wherein said heat conductive silicone rubber of said layer (b) comprises a cured product of a condensation curable silicone rubber composition comprising a heat conductive filler.

Claim 6 (Previously Presented): The heat conductive composite sheet according to claim 1, wherein said heat conductive silicone rubber of said layer (b) is a cured product of a radical reaction curable silicone rubber composition comprising a heat conductive filler.

Claim 7 (Currently Amended): A process for producing a heat conductive composite sheet comprising:

(a) a heat softening, heat conductive layer formed of a composition comprising a silicone resin and a heat conductive filler, and

(b) a heat conductive silicone rubber layer comprising a heat conductive filler, said process comprising:

providing said heat conductive silicone rubber layer of (b),

optionally forming at least one intermediate layer on top of said heat conductive silicone rubber layer of (b), and

forming a layer of said composition on top of said heat conductive silicone rubber layer of (b) or, if said intermediate layer is present, on top of the intermediate layer;

wherein at least the surface of the layer (a) opposite to the layer (b) is capable of melting at a temperature that ranges from 40°C to 100°C.

Claim 8 (Currently Amended): A process for producing a heat conductive composite sheet comprising:

(a) a heat softening, heat conductive layer comprising a silicone resin and a heat conductive filler, and

(b) a heat conductive silicone rubber layer comprising a heat conductive filler, said process comprising:

providing said heat softening, heat conductive layer comprising a silicone resin and a heat conductive filler of (a),

forming a layer of a liquid, curable silicone rubber composition comprising a heat conductive filler on top of said heat softening, heat conductive layer of (a), and

curing said composition to form said heat conductive silicone rubber layer of (b);

wherein at least the surface of the layer (a) opposite to the layer (b) is capable of melting at a temperature that ranges from 40°C to 100°C.

Claim 9 (Original): The process according to claim 8, wherein said liquid, curable silicone rubber composition is an addition reaction curable silicone rubber composition.

Claim 10 (Original): The process according to claim 8, wherein said liquid, curable silicone rubber composition is a condensation curable silicone rubber composition.

Claim 11 (Currently Amended): A process for producing a heat conductive composite sheet comprising:

(a) a heat softening, heat conductive layer comprising a silicone resin and a heat conductive filler, and

(b) a heat conductive silicone rubber layer comprising a heat conductive filler, said process comprising:

subjecting a heat softening, heat conductive sheet comprising a silicone resin and a heat conductive filler, and a heat conductive silicone rubber sheet comprising a heat conductive filler to thermocompression bonding together;

wherein at least the surface of the layer (a) opposite to the layer (b) is capable of melting at a temperature that ranges from 40°C to 100°C.

Claim 12 (Canceled):

Claim 13 (Currently Amended): The heat conductive composite sheet according to claim 1, wherein at least the surface of the heat softening, heat conductive layer is capable of ~~softening or~~ melting at a temperature that ranges from 40°C to 90°C.